



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

010227

C60-K
Job Sheet 196091



Part No: C60-K

Job Qty: 1 pcs

Part Name: C-Series Remote Hook 6,000 lbs Lift Capacity



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 6/6/19

Job Tracking No:

Due Date: 6/7/19

Created By: Linda Lacelle

Type: SOLD

Description:

Note: DWG C60-K Rev.2 IPP Rev. A 19.03.01 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
118	Rework Startup	1 pcs	6/7/19	6/7/19	0.00	1.00	External Load - 1		AP 2019/06/06
							External Load - 2		
							External Load - 3		
120	QC 5	1 pcs	6/7/19	6/7/19	0.00	0.00	QC 5 - 10		DAS 30 JUN 7 2019
							QC 5 - 12		
							QC 5 - 17		
							QC 5 - 18		
							QC 5 - 19		
							QC 5 - 22		
							QC 5 - 24		
							QC 5 - 3		
							QC 5 - 43		
							QC 5 - 49		
							QC 5 - 51		
							QC 5 - 58		
							QC 5 - 68		
							QC 5 - 9		
							QC 5 - 50		
							QC 5 - 30		
							QC 5 - 40		
130	Packaging 3-2 - Stock - B4B	1 pcs	6/7/19	6/7/19	0.00	0.00	Packaging 3 - 1 - B4B		DAS 30 JUN 7 2019
							Packaging 3 - 2 - B4B		
							Packaging 3 - 3 - B4B		
							Packaging 3 - 4 - B4B		
							Packaging 3 - 5 - B4B		
							Packaging 3 - 6 - B4B		
							Packaging 3 - 7 - B4B		
							Packaging 3 - 8 - B4B		
							Packaging 3 - 9 - B4B		
							Packaging 3 - 10 - B4B		
							Packaging 3 - 11 - B4B		

				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
135	DC - 1 - B4B	1 pcs	6/7/19	0.00 0.00	DC - 1 - B4B
					DC - 2 - B4B
140	QC 21 - FG	1 pcs	6/7/19	0.00 0.00	QC 21 - FG - 21
					QC 21 - FG - 70
					QC 21 - FG - 53

DAS
21
9-66

JUN 07 2019

DAS
21
9-66

JUN 07 2019

Part Op 118 - 1- DEASSEMBLE AS PER RA701 **SCRAP SELENOID** 2- RE- ASSEMBLE AS PER RA701 WITH NEW
 Descriptions: SELENOID, NUTS, COVER GASKET,CONNECTORS AND WIRE. 3- PERFORM ALL NECESSARY TEST USING FAI
 TEST SHEET.
 120 - QC5- Inspect part completeness to step on W/O)
 130 - (Identify as per dwg & Stock Location: _____)
 135 - ADD MANUEL OM & OOPM-C60 rev 3.pdf
 140 - (QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
32448	16-14 AWG Knife Connector	2 Ea (2 ea)	118-Rework Startup	5151100
C45-8-2	Solenoid	1 pcs (1 ea)	118-Rework Startup	51819655
C45-8-4	Solenoid Cover Gasket	1 pcs (1 ea)	118-Rework Startup	5171779
EL314-SJTOW	Long Line Electrical Wire, 14/3 Gauge replace w/t 01004-08-047	1 ft (1 ea)	118-Rework Startup	5179682
MS21044N5	Nut	4 Ea (4 ea)	118-Rework Startup	5097089
7856K75 SHROCK TUBE				5096187

186638

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
118-Rework Startup	32448	2	175	0
	C45-8-2	1	2	0
	C45-8-4	1	11	0
	EL314-SJTOW	1	0	0
	MS21044N5	4	33	0

Part Specifications

Specifications could not be found.

C60-K (S165819)

- 1 - C45-8-2 SELENOID
- 1 - C45-8-4 COIL GASLET
- 4 - MS21044MS NUT
- 2 - 32448 CONTACTS
- 1 - EL314-550W WIRE

OP 118
↑
140

Inspection Sheet Complete RA701 Hawk

DART Order #:

14505

Part Number	Original Batch / Serial # / Ctrl #	Original Revision #	Quantity	Part Complete	Rev/CHG Current	New Paperwork	New Labels	Disposition	Original Container #	New (Receiving) Serial #	New Job #	Work order instructions
C60-K	S165819		1	☒ Yes	☐ Yes	☐ Yes	☐ Yes	CUSTOMER SUPPLIED		S186877		Overhaul
0			0	☐ Yes	☐ Yes	☐ Yes	☐ Yes					
0			0	☐ Yes	☐ Yes	☐ Yes	☐ Yes					
0			0	☐ Yes	☐ Yes	☐ Yes	☐ Yes					
0			0	☐ Yes	☐ Yes	☐ Yes	☐ Yes					
0			0	☐ Yes	☐ Yes	☐ Yes	☐ Yes					
0			0	☐ Yes	☐ Yes	☐ Yes	☐ Yes					

QC Approval: _____ 0

Date: 0-Jan-00 _____

Special Return/Rework Instructions:

Please inspect & advise work & parts needed
Job can only be made after inspection is
Done!

Thank you
Jen

o Inspect

o

o

o

o

RETURN AUTHORIZATION



RA #: RA701 Hawk
Date: May 30, 2019
Attention: Fukuyama
E-mail: fukuyama@aero.co.jp
From: Lisa McMachen

RETURN ADDRESS

☒ Hawkesbury	☐ Vista	☐ Broussard
Dart Aerospact Ltd	Dart Aerospace Ltd.	Dart Aerospace Ltd.
1270 Aberdeen Street	3030 Enterprise Court, Suite A	105 Dairy Lane
Hawkesbury, ON K6A 1K7, CA	Vista, CA 92081-8347, US	Broussard, LA 70518, US
1-613-632-3336	1-760-724-5300	1-337-839-0500

SHIPPING

Courier: FedEx International Priority
Account #: 1517-9324-0

COMMERCIAL INVOICE INFORMATION

Item #1		Item #2	
P/N:	C60-K	P/N:	0
Description:	Hook	Description:	0
Qty:	1	Qty:	0
Flown:	No	Flown:	0
Return to Customer:	No	Return to Customer:	0
Customs Value USD:	\$2,500	Customs Value USD:	\$0
Batch / Serial #	S165819	Batch / Serial #	0
Item #3		Item #4	
P/N:	0	P/N:	0
Description:	0	Description:	0
Qty:	0	Qty:	0
Flown:	0	Flown:	0
Return to Customer:	0	Return to Customer:	0
Customs Value USD:	\$0	Customs Value USD:	\$0
Batch / Serial #	0	Batch / Serial #	0
Item #5		Item #6	
P/N:	0	P/N:	0
Description:	0	Description:	0
Qty:	0	Qty:	0
Flown:	0	Flown:	0
Return to Customer:	0	Return to Customer:	0
Customs Value USD:	\$0	Customs Value USD:	\$0
Batch / Serial #	0	Batch / Serial #	0

ADDITIONAL RETURN AUTHORIZATION INFORMATION

- Print RA form, complete Part Disposition section and include a copy with the shipment.
- Ensure the RA number is referenced on all documents. Failure to do so may result in delivery refusal.
- Ensure the shipment is directed to the correct facility referenced above. Failure to do so will result in delays and additional shipping costs.
- Commercial invoice must include the following statement: "Parts are aircraft parts being returned to the manufacturer."
- International shipments require commercial invoice attached to the outside of the box.
- Where applicable, the original Release Certificate, STC's, Installation Instructions, Maintenance Manual Supplement, Flight Manual Supplement, packing slips and removable tag must accompany the shipment.
- Return authorization expires in 30 days. If no charge products were supplied, these will be invoiced upon expiration of the RA.
- Returned items will be fully inspected by Quality Control and credit will be issued for items deemed to be new, un-flown, traceable and to the current revision.
- A 15% minimum restocking fee applies, additional fees may apply upon receipt and inspection if items require rework or cannot be returned to stock
- Items should be adequately packaged to prevent shipping damage.
- For complete terms & conditions, visit www.dartaerospace.com

PART DISPOSITION (To be completed and returned by customer)

Reason for return:

EVALUATION and OH



AERO Facility Co., Ltd.

4-9-1, Shimbashi, Minato-ku, Tokyo 105-0004 JAPAN
TEL +81-3-5402-6884 FAX +81-3-5402-6885

PURCHASE ORDER

DATE	March 13, 2019	P.O.NUMBER	C181082-1
VENDOR	DART Aerospace Ltd.	SHIP TO	AERO FACILITY CO., LTD.
ADDRESS	1270 ABERDEEN STREET HAWKESBURY, ON K6A 1K7 CANADA	ADDRESS	Shimbashi Plaza Bldg. 1502 4-9-1, Shimbashi, Minato-Ku Tokyo 105-0004, JAPAN
PHONE	1-613-632-3336	PHONE	81-3-5402-6884
FAX	1-613-632-4443	FAX	81-3-5402-6885
ATTN	Ms. Caitlin Crooks	PAYMENT	NET30

RUSH

PAGE : 1

No.	P/N DESCRIPTION	QTY	Unit	Unit Price	AMOUNT
1	C60-K C-Series Remote Hook EVALUATION AND OH for C181082. RMA number: RA701	1	EA	0.000	0.00
				TOTAL	US\$0.00

< NOTE >

PLEASE SHIP BY:

Please advise us lead time once evaluation is completed.


SAEKA NAKAHATA



Remote Cargo Hook Test Form

C60

Work Order _____

Customer _____

Serial Number _____

Date _____

# of Releases	Load (Lbs.)	Release Method	Remarks	Result	Pass/fail
1	15,000	Static Hold	Hold for two Minutes and reduce load to zero	N/A	
10	3,000	Electircal, 25 volts	No "hang ups" permitted	N/A	
2	6,000	Electircal, 22 volts	Current shall not exceed 12.4A	Amp.	
2	4,500	Electircal, 22 volts	Current shall not exceed 12.4A	Amp.	
2	3,000	Electircal, 22 volts	Current shall not exceed 12.4A	Amp.	
2	1,500	Electircal, 22 volts	Current shall not exceed 12.4A	Amp.	
2	500	Electircal, 22 volts	Current shall not exceed 12.4A	Amp.	
1	6,000	Electircal, 20 volts	Current shall not exceed 11.3A	Amp.	
1	6,000	Electircal, 28 volts	Current shall not exceed 15.8A	Amp.	
1	6,000	Manual		N/A	
1	6,000	Impact Test	Impact shackle 10 times, shall not release	N/A	
1	N/A	Solenoid Ohms	Shall not exceed 1.7-2.0 Ohms	Ohms	
1	N/A	Electircal Continuity	Across both wires	N/A	

Test Conducted By _____

Signature: _____

QC 5 Small FAB / QA

Submit



Remote Cargo Hook Test Form

C60 K

Work Order

196091

Customer

Serial Number

S165819

Date

2019/06/06

# of Releases	Load (Lbs.)	Release Method	Remarks	Result	Pass/fail
1	15,000	Static Hold	Hold for two Minutes and reduce load to zero	N/A	PASS
10	3,000	Electircal, 25 volts	No "hang ups" permitted	N/A	PASS
2	6,000	Electircal, 22 volts	Current shall not exceed 12.4A	9.0 Amp.	PASS
2	4,500	Electircal, 22 volts	Current shall not exceed 12.4A	9.0 Amp.	PASS
2	3,000	Electircal, 22 volts	Current shall not exceed 12.4A	8.5 Amp.	PASS
2	1,500	Electircal, 22 volts	Current shall not exceed 12.4A	8.5 Amp.	PASS
2	500	Electircal, 22 volts	Current shall not exceed 12.4A	8.5 Amp.	PASS
1	6,000	Electircal, 20 volts	Current shall not exceed 11.3A	8.0 Amp.	PASS
1	6,000	Electircal, 28 volts	Current shall not exceed 15.8A	11.0 Amp.	PASS
1	6,000	Manual		N/A	PASS
1	6,000	Impact Test	Impact shackle 10 times, shall not release	N/A	PASS
1	N/A	Solenoid Ohms	Shall not exceed 1.7-2.0 Ohms	1.9 Ohms	PASS
1	N/A	Electircal Continuity	Across both wires	N/A	PASS

Test Conducted By

ALVIN PATRY

Signature:

Sylvie Sanchez

QC 5 Small FAB / QA

Submit



Dart Aerospace, Ltd
1270 Aberdeen Street
Hawkesbury ON K6A 1K7
Canada
Tel 613-632-5200
Fax 613-632-5246

Certificate of Conformance

Date: 5/7/2019

Certification To: Aero Facility Co Ltd
Shimbashi Plaza, Building 4-9-1 Shimbashi, Minato-Ku
Tokyo,
105-0004
Japan

PART INFO

Customer Part No: C60-K

Part Name: C-Series Remote Hook 6,000 lbs Lift Capacity

Quantity: 1

Container No(s): S165819

Serial Nos/Batches: S165819

Dart Hawkesbury Part No: C60-K

Customer Part Rev Level:

Customer PO No: C181082

Revision:

DART Aerospace Ltd., 1270 Aberdeen Street, Hawkesbury, Ontario K6A 1K7 Canada

Tel: 613 632 5200

Fax: 613 632 5246

support.on@dartaero.com

GST/HST 10127 2607

ALL MATERIALS, PARTS OR COMPONENTS HAVE BEEN INSPECTED AND COMPLY WITH THE PURCHASE ORDER REQUIREMENTS.

DAS
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9-89

Rachel Maloney

MAY - 7 2019

Signature

Date



Remote Cargo Hook Test Form

C60K

Work Order

192147

Customer

14505

Serial Number

5165819

Date

2019-4-22

# of Releases	Load (Lbs.)	Release Method	Remarks	Result	Pass/fail
1	15,000	Static Hold	Hold for two Minutes and reduce load to zero	N/A	Pass
10	3,000	Electrical, 25 volts	No "hang ups" permitted	N/A	Pass
2	6,000	Electrical, 22 volts	Current shall not exceed 12.4A	9.0 Amp.	Pass
2	4,500	Electrical, 22 volts	Current shall not exceed 12.4A	8.7 Amp.	Pass
2	3,000	Electrical, 22 volts	Current shall not exceed 12.4A	8.5 Amp.	Pass
2	1,500	Electrical, 22 volts	Current shall not exceed 12.4A	8.2 Amp.	Pass
2	500	Electrical, 22 volts	Current shall not exceed 12.4A	8.5 Amp.	Pass
1	6,000	Electrical, 20 volts	Current shall not exceed 11.3A	7.8 Amp.	Pass
1	6,000	Electrical, 28 volts	Current shall not exceed 15.8A	10.2 Amp.	Pass
1	6,000	Manual		N/A	Pass
1	6,000	Impact Test	Impact shackle 10 times, shall not release	N/A	Pass
1	N/A	Solenoid Ohms	Shall not exceed 1.7-2.0 Ohms	2.0 Ohms	Pass
1	N/A	Electrical Continuity	Across both wires	N/A	Pass

Test Conducted By

Michel Lalande

Signature:

Sylvie Pouchet

QC 5 Small FAB / QA

Submit